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Volume VI

THE POST-DAM SYSTEM
VOLUME VI - CROSSTALK MK.4

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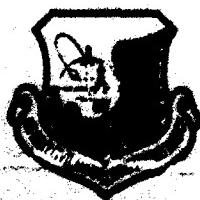
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EXECUTIVE SUMMARY

A. OBJECTIVE

The objective of this report is to describe the software and hardware of the POST-DAM System, developed by Applied Research Associates, Inc., for airbase facility postattack damage assessment. This report contains descriptions of prototype software and hardware, and recommendations for full-scale development of both software and hardware.

B. BACKGROUND

In a postattack environment, field information on mission-critical facility damage is collected and analyzed to determine structural integrity and usability. From this analysis, a repair schedule is developed. This is a time-consuming process when done without the aid of a computerized system. Consequently, the POST-DAM System was developed to determine repair strategies with an expert system, keep track of materials and equipment with a relational database management system, and schedule repairs based on manpower and equipment availability with a project management system.

C. SCOPE

This technical report consists of nine volumes. Volume I describes software and hardware used with the prototype POST-DAM System, and recommends software and hardware for full-scale development. Volumes II through VIII are software user's manuals, which describe how to install and use the prototype software with the POST-DAM System. Volume IX is a field manual that contains diagrams of structures that are used with the POST-DAM system to locate damaged elements.

D. EVALUATION METHODOLOGY

The prototype POST-DAM System was developed using commercial, off-the-shelf (COTS) software and hardware. The system was constructed by integrating the software and hardware in such a way that a remote computer in the field can communicate with a host computer in the Base Civil Engineering (BCE) Damage Control Center (DCC). The POST-DAM system determines repair strategies, keeps track of materials and equipment, and schedules repairs based on manpower and equipment availability. This prototype system has been evaluated in-depth, and subsequent recommendations are made herein about software and hardware that should be used for full-scale development.

E. CONCLUSIONS

The prototype POST-DAM System is functional, but has limitations with respect to both hardware and software. The following problems were encountered:

1. The prototype remote computer is not portable, and cannot be used in the field. No satisfactory, hand-held remote terminal was available for this project.

2. The expert system cannot hold all the information required for full-scale development, because it cannot use extended memory.

3. Both the relational database management system and project management system require more human interaction than desired.

4. The communication system software is not compatible with the Survivable Base Recovery After Attack Communication System (SBCS) being developed for ESD by Sumaria Systems, Inc., with which the POST-DAM System is required to interface.

F. RECOMMENDATIONS

For full-scale development, the following features should be incorporated in the POST-DAM System.

1. Replace the prototype remote computer with a hand-held terminal unit having at least 2 Mb of random access memory, and which can run applications requiring 640 Kb of base memory.

2. Replace the prototype host computer with a system having at least 4 Mb of random access memory, IEEE 802.3 LAN ports, and able to support multi-tasking operations.

3. Replace the CLIPS expert system shell with an expert system shell capable of supporting applications at least twice as large as those developed for the prototype system.

4. Set the host computer up to interface with the IEEE 802.3 Ethernet local area network (LAN) used by SBCS.

5. Construct a single computer program to replace the relational database management system and the project management system, to minimize the required amount of human intervention. This system should be developed by personnel with a strong background in computer science.

PREFACE

This report was prepared by Applied Research Associates, Inc. (ARA), P.O. Box 40128, Tyndall Air Force Base, FL 32403, under Contract F08635-88-C-0067, for the Air Force Civil Engineering Support Agency, Tyndall Air Force Base, Florida.

This report (Volumes I though IX) summarizes work completed between 1 February 1989 and 1 March 1991. Lt. James Underwood (USN) was the HQ AFCESA/RACS Project Officer.

This report has been reviewed by the Public Affairs Office, and is releasable to the National Technical Information Service (NTIS). At NTIS it will be available to the public, including foreign nations.

This technical report has been reviewed and is approved for publication.



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SECTION 1

INTRODUCTION

1.1 OBJECTIVE

The objective of this software user's manual (SUM) is to explain the procedures for setting up and using the Crosstalk Mk.4 communication software on the host computer to receive files created by the POST-DAM Expert System, which runs on a remote computer in the field.

1.2 BACKGROUND

Crosstalk Mk.4 is a complete communication package for use with an IBM PC, PC/XT, PC/AT, PS/2, or 100 percent compatible computer. Crosstalk Mk.4 provides emulation of 21 different terminal types, 11 error-free file transfer protocols, unattended call-in access and password protection in answer mode, Crosstalk Application Script Language (CASL) for full automation of communication tasks, and operation in multitasking environments. Crosstalk Mk.4 is a commercial software package distributed by Digital Communications Associates, Inc.

1.3 APPROACH

Crosstalk Mk.4 runs in the background on the host computer, using the multitasking, multi-windowing DESQview 386 control program. After starting DESQview 386, the user starts Crosstalk Mk.4 and sets it to answer incoming calls. With Crosstalk Mk.4 running in the background, equipment, material, and repair strategy files generated by POST-DAM expert systems are transferred from remote computers in the field to the C:\PDAM directory of the host computer. At the same time, using the multitasking capabilities of DESQview 386, the user processes other files using the POST-DAM Relational Data Base Management System (RDBMS), Harvard Project Manager (HPM), or TED 1.1 Text Editor.

SECTION 2
APPLICABLE DOCUMENTS

2.1 SETA CONTRACT

2.1.1 Postattack Damage Assessment of Facilities, Subtask 2.02, Air Force Engineering and Services Center, SETA Contract F08635-88-C-0067, December 87.

2.1.2 Postattack Damage Assessment of Facilities, Subtask 2.02.1, Air Force Engineering and Services Center, SETA Contract F08635-88-C-0067, October 88.

2.1.3 Postattack Damage Assessment of Facilities, Subtask 2.02.2, Air Force Engineering and Services Center, SETA Contract F08635-88-C-0067, February 89.

2.2 POST-DAM SYSTEM USER'S MANUALS

2.2.1 The POST-DAM System, Volume 1, Introduction to the POST-DAM System, Applied Research Associates, Inc., Report to AFESC/RDCS, March 91.

2.2.2 The POST-DAM System, Volume 2, Software User's Manual for the Expert System, Applied Research Associates, Inc., Report to AFESC/RDCS, February 91.

2.2.3 The POST-DAM System, Volume 3, Software User's Manual for DESQview 386, Applied Research Associates, Inc., Report to AFESC/RDCS, December 90.

2.2.4 The POST-DAM System, Volume 4, Software User's Manual for the Relational Data Base Management System, Applied Research Associates, Inc., Report to AFESC/RDCS, December 90.

2.2.5 The POST-DAM System, Volume 5, Software User's Manual for the Harvard Project Manager, Applied Research Associates, Inc., Report to AFESC/RDCS, December 90.

2.2.6 The POST-DAM System, Volume 7, Software User's Manual for TED 1.1 Editor, Applied Research Associates, Inc., Report to AFESC/RDCS, December 90.

2.2.7 The POST-DAM System, Volume 8, Software User's Manual for Crosstalk Mk.4 on the Remote Computer, Applied Research Associates, Inc., Report to AFESC/RDCS, March 91.

2.2.8 The POST-DAM System, Volume 9, Field Manual of Mission-Critical Facilities for Use With the Prototype POST-DAM System, Applied Research Associates, Inc., Report to AFESC/RDCS, March 91.

2.3 SOFTWARE USER'S MANUALS

2.3.1 Crosstalk Mk.4 User's Guide, Digital Communications Associates, Inc., 1989.

2.3.2 Crosstalk Mk.4 Connection Options, Digital Communications Associates, Inc., 1989.

2.3.3 Crosstalk Mk.4 CASL Reference, Digital Communications Associates, Inc., 1989.

SECTION 3

INSTRUCTIONS FOR USE

3.1 INSTALLING CROSSTALK MK.4

This section of the SUM describes the system requirements for Crosstalk Mk.4, how to install the Crosstalk Mk.4 files on the hard disk, how to set up Crosstalk Mk.4, and how to setup the ANSWER directory to answer incoming calls and transfer files into the C:\PDAM subdirectory of the host computer.

3.1.1 System Configuration

Crosstalk Mk.4 is designed to run with MS-DOS, or PC-DOS 2.0 or higher on an IBM PC, PC/XT, PC/AT, PS/2, or 100% compatible microcomputer, with 320K random access memory (RAM), color or monochrome monitor, hard disk, and a 5.25 inch floppy disk drive. For more information about system requirements, see the Crosstalk Mk.4 User's Guide.

3.1.2 Installing Crosstalk Mk.4 Files

The Crosstalk Mk.4 files are installed using an install program. To run the install program, the user places Crosstalk Mk.4 Program Disk Number 1 into Floppy Drive A:, and then from the root directory types

C:\>A:INSTALL [Enter]

The information shown in Figure 3.1 appears on the screen, and the user is prompted to press [Enter] to continue. The user presses [Enter], and is prompted to choose the drive and directory to which the Crosstalk Mk.4 files will be installed, as shown in Figure 3.2. The user presses [Enter], and the files are installed to the subdirectory C:\XTALK4, and the user is prompted about which files to copy, as shown in Figure 3.3. The user then selects G by pressing [Enter], and User Interface Information appears on the screen, as shown in Figure 3.4. The user presses [Enter], and is prompted to install Menu Interface files, as shown in Figure 3.5. The user then presses [Enter], and is prompted to install the Crosstalk XVI interface, as shown in Figure 3.6. The user presses [Enter], and the install program begins installing files.

After the files from Program Disk 1 have been copied, the user is prompted to insert Disk 2 into Floppy Drive A:, as shown in Figure 3.7. The user then removes Program Disk 1 from Floppy Drive A:, inserts Program Disk 2, and presses [Enter]. This process is continued until all required files have been copied from all four program disks. After all required files are copied, the information shown in Figure 3.8 appears on the screen, informing the user that installation has been completed. The user then presses [Enter], and is exited to the DOS prompt shown in Figure 3.9.

CROSSTALK Mk.4 INSTALL v2.0
Copyright (C) 1989, 1990 Digital Communications Associates, Inc.
All Rights Reserved.

This program installs CROSSTALK Mk.4 on your computer. It will copy files from your distribution disks to the disk drive you select.

Please respond to all questions by typing your answer and pressing the Enter (Return) key. When choices are listed in parentheses, you may press Enter by itself to select the first choice listed (the 'default' or typical choice).

If you are installing CROSSTALK Mk.4 Version 2.0 on a system containing a previous version of the program, make sure that you have a backup of the disk or directory containing the older version of CROSSTALK.

You may stop the installation procedure at any time by pressing the Esc (Escape) key when you are asked a question.

Press **Enter** to continue, **Esc** to cancel

Figure 3.1. Crosstalk Mk.4 Install Information.

Choose drive and directory

The first step in the installation process is deciding where to copy the files CROSSTALK Mk.4 needs to operate. We suggest you place the files in a subdirectory called XTALK4 on your hard disk (drive C:).

If this location is acceptable, simply press Enter.

If you would like to INSTALL the files to a different drive and/or directory, type 'N' and then press Enter.

INSTALL CROSSTALK Mk.4 to C:\XTALK4 (Y\N)? Y

Press **Esc** to cancel

Figure 3.2. Choose Drive and Directory.

Which files to copy? ————— Drive C: 27293696 bytes free

There are three ways to install CROSSTALK Mk.4, depending on how you plan to use it and how much disk space you wish to devote to the program.

With the Developer's installation, all files (including programming files) will be copied. If you choose General installation, all files except the CASL programming files will be copied. With Selective installation, a required set of files will be copied, and INSTALL will ask you questions about how you intend to use CROSSTALK Mk.4. Only those files you will actually need will be copied.

If you are not sure what functions you plan to use in CROSSTALK Mk.4, we suggest you use the General installation. If you know which terminal emulations and file transfer protocols you wish to use, or you wish to conserve disk space, choose the Selective installation.

CROSSTALK Mk.4 requires about 680K for a typical Selective INSTALL, 1100K for a General INSTALL, and 1500K for the Developer's INSTALL.

Enter 'G' for General, 'D' for Developer's, or 'S' for Selective.

INSTALL method (G/D/S)? G

Press Enter to continue, Esc to cancel

Figure 3.3. Select Files to Copy.

User Interface

CROSSTALK Mk.4 Version 2.0 has a new Enhanced User Interface, which displays a Dialing Directory. This Dialing Directory is a list of names, descriptions, phone numbers, and other related information for the systems you call regularly. You will see this new Enhanced User Interface when you first run CROSSTALK Mk.4.

In addition to the built-in Dialing Directory, CROSSTALK Mk.4 has two alternate user interfaces: the CROSSTALK Mk.4 Menu Interface, and the CROSSTALK XVI look-alike interface.

If you would rather use one of these two interfaces instead of the new Dialing Directory, you can have INSTALL copy the necessary files, and then use the CROSSTALK Mk.4 CONFIG script to choose your preferred user interface.

Press Enter to continue, Esc to cancel

Figure 3.4. User Interface Information.

User Interface

The CROSSTALK Mk.4 Menu Interface is the same Menu Interface used in earlier versions (Version 1.1 and older) of CROSSTALK Mk.4.

Would you like INSTALL to copy the Menu Interface files (Y/N)? N

Press **Enter** to continue, **Esc** to cancel

Figure 3.5. Install Menu Interface Files.

User Interface

The CROSSTALK XVI look-alike interface allows CROSSTALK Mk.4 to look and act like CROSSTALK XVI, while giving the user access to a few of CROSSTALK Mk.4's more advanced features.

If you choose to INSTALL this interface, the subdirectory 'C:\X4XVI' will be created on your system. This subdirectory will be used to keep CROSSTALK XVI files separate from CROSSTALK Mk.4 files.

Would you like INSTALL to copy the CROSSTALK XVI Interface (Y/N)? N

Press **Enter** to continue, **Esc** to cancel

Figure 3.6. Install Crosstalk XVI Interface.

Installing files ...

INSTALL has finished copying the files from master disk DISK 1.

Please insert the master disk labeled 'DISK 2' in drive A:, and then press Enter.

Press **Enter** to continue, **Esc** to cancel

Figure 3.7. Install Program Disk 2.

Installation completed

CROSSTALK Mk.4 Version 2.0 has now been successfully installed.

To run CROSSTALK Mk.4 from the DOS prompt, type 'XTALK' and press Enter. The first time you bring up CROSSTALK Mk.4, the program will take you through a short configuration process to help you set up your system.

If you encounter a problem installing or using CROSSTALK Mk.4 and are unable to find a solution in your CROSSTALK Mk.4 manuals, you may call our Technical Support Group at (404) 442-3210 Monday thru Friday from 9AM to 6PM Eastern Time. Please have your CROSSTALK Mk.4 Version 2.0 serial number ready when you call.

Press **Enter** to continue

Figure 3.8. Installation Completed.

To run CROSSTALK Mk.4 from the DOS prompt, type 'XTALK' and press Enter.

C:\XTALK4>

Figure 3.9. DOS Prompt at XTALK4 Subdirectory.

3.1.3 Setting Up the Crosstalk Mk.4 System

To configure the Crosstalk Mk.4 system on the host computer, the user starts at the DOS prompt in the XTALK4 subdirectory, as shown in Figure 3.9, and types

C:\XTALK4>XTALK [Enter]

The crosstalk title screen appears as shown in Figure 3.10, and then the configuration information appears as shown in Figure 3.11. The user presses [Enter], and is prompted about the type of monitor being used, as shown in Figure 3.12. Here, the user presses [Enter] for a color monitor, and the supplemental information screen appears, as shown in Figure 3.13. The user then presses the [Esc] key, and is prompted to use Port 1 with Crosstalk, as shown in Figure 3.14. Here, the user presses [Enter] for yes, and is prompted to select a modem type, as shown in Figure 3.15. Using the arrow keys, the user selects Direct Connect (no modem), and then presses [Enter]. The user is then prompted to use Port 2 with Crosstalk, as shown in Figure 3.16. Here, the user presses [Enter] for yes, and is then prompted to select a modem type, as shown in Figure 3.17. Using the arrow keys, the user selects 2400-baud Hays compatible, presses [Enter], and the information shown in Figure 3.18 appears on the screen. The user then uses the space bar and arrow keys to set normal port equal to 2, and normal speed equal to 2400, as shown in Figure 3.19. When the values are

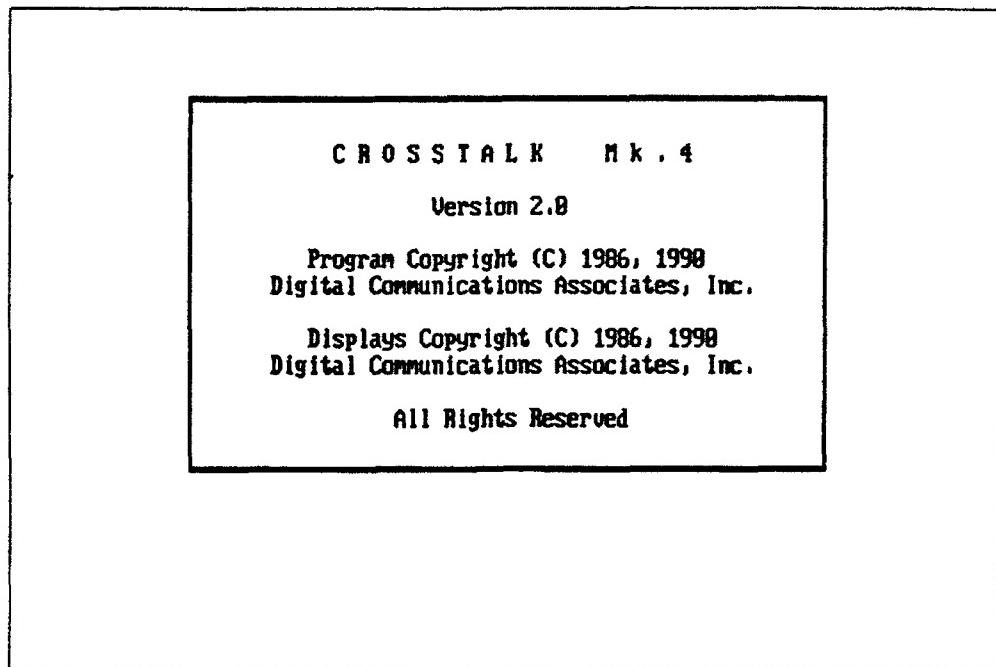


Figure 3.10. Crosstalk Mk.4 Title Screen.

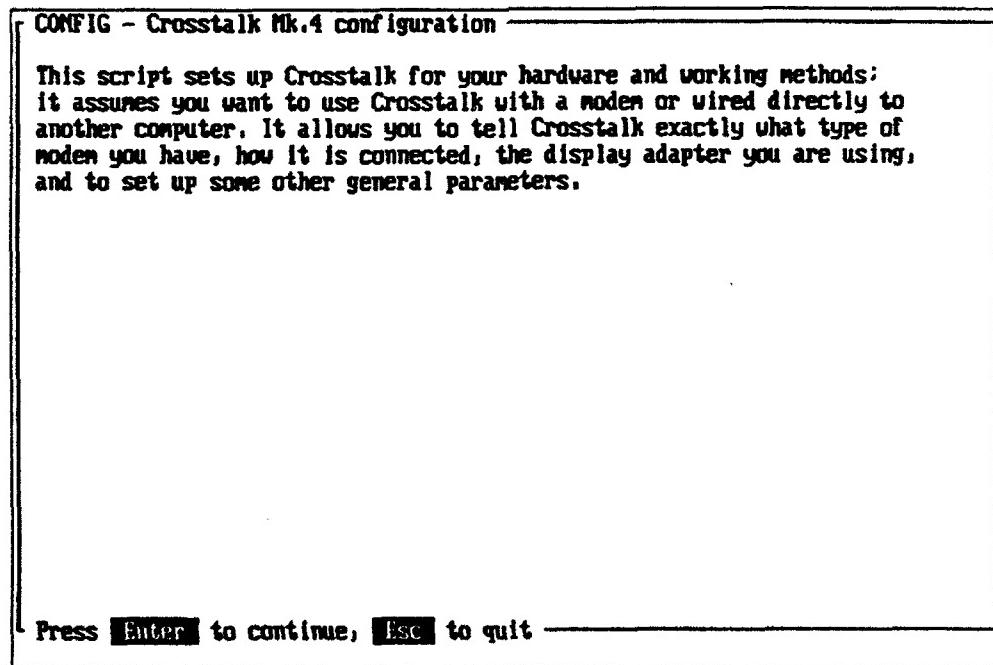


Figure 3.11. Configuration Information.

CONFIG - Crosstalk Mk.4 configuration

On a color monitor, this screen is white-on-blue.

Are you using a color monitor? (Y/N) Yes

Press **space bar** to change values, **Enter** to accept

Figure 3.12. Color Monitor Prompt.

CONFIG - Crosstalk Mk.4 configuration

Supplemental information for
Crosstalk Mk.4 version 2.0

This file contains special notes for both new and experienced users of Crosstalk Mk.4, including descriptions of some new features and manual clarifications. We suggest that you take a moment to read this file. If you wish to review the information again later, you can press Alt-M from the Dialing Directory and select BROWSER. Select READ.ME from the BROWSER menu.

To read this information now, use [PgUp] and [PgDn] or the Up and Down Arrow keys to scroll through the text, and press [Esc] when you're done.

Files on the distribution diskettes

Appendix E of the User's Guide lists files that are shipped on the distribution diskettes. Some of these files are not necessary in this version of Crosstalk. The files omitted are:

Use **↑** and **↓** to scroll text, **Esc** to continue

Figure 3.13. Supplemental Information.

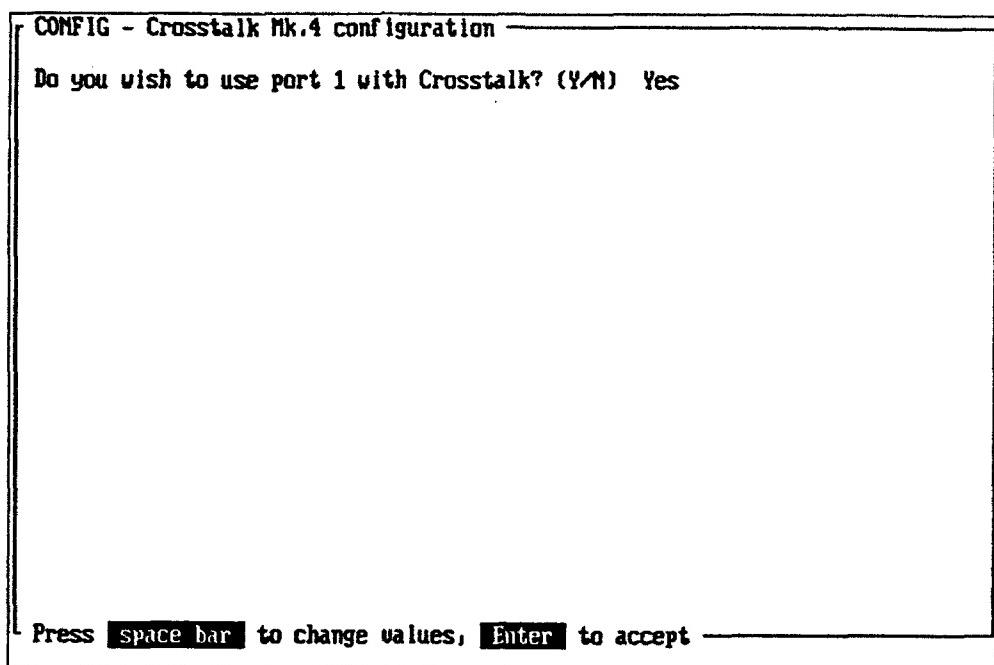


Figure 3.14. Port 1 Prompt.

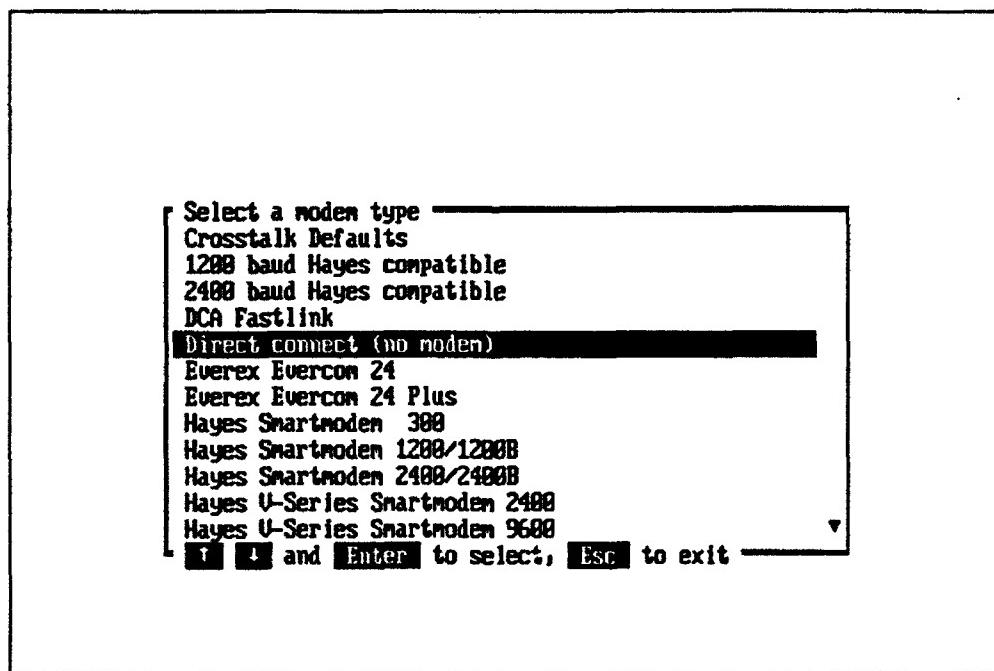


Figure 3.15. Modem Type for Port 1.

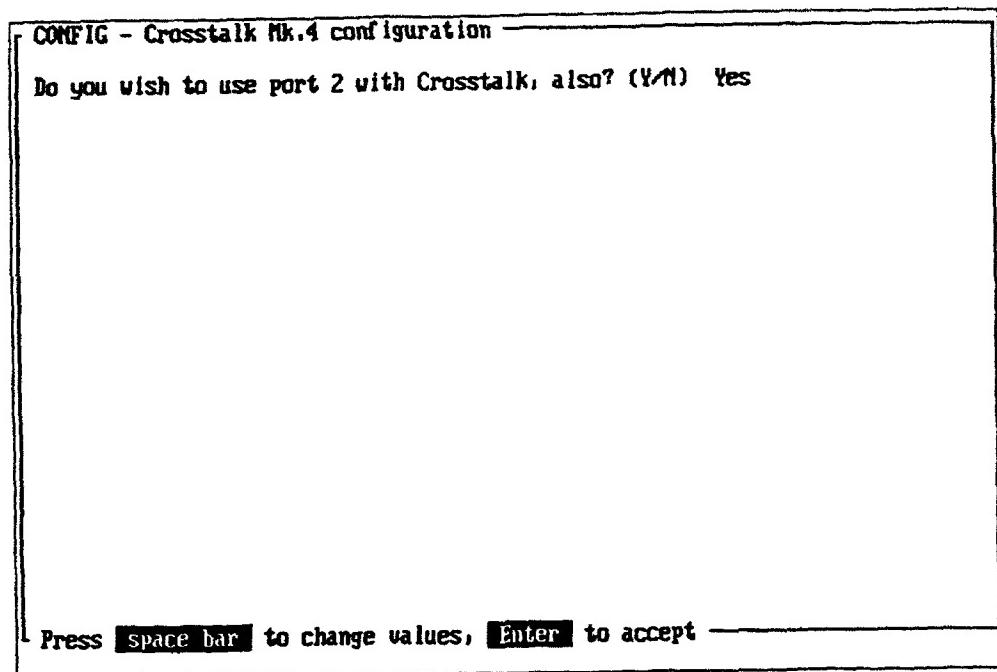


Figure 3.16. Port 2 Prompt.

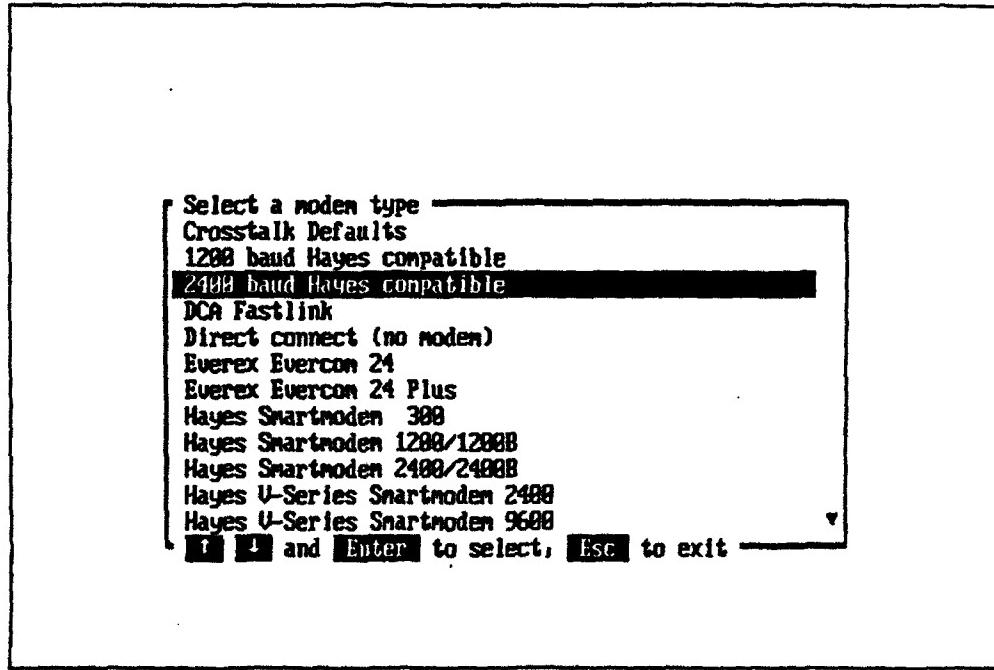


Figure 3.17. Modem Type for Port 2.

CONFIG - Crosstalk Mk.4 configuration

Although you can use any of the ports you have chosen with any dialing directory entry, let's choose the communications port and connection speed you want to use as your default for new dialing directory entries, also called "Cards."

This port and speed selection will be stored in the NORMAL card and used as the default selection for new dialing cards.

Normal Port: 1
Normal Speed: 115200

Press **space bar** to change values, **Enter** to accept

Figure 3.18. Default Port Prompt.

CONFIG - Crosstalk Mk.4 configuration

Although you can use any of the ports you have chosen with any dialing directory entry, let's choose the communications port and connection speed you want to use as your default for new dialing directory entries, also called "Cards."

This port and speed selection will be stored in the NORMAL card and used as the default selection for new dialing cards.

Normal Port: 2
Normal Speed: 2400

Press **space bar** to change values, **Enter** to accept

Figure 3.19. Required Default Port Settings.

correct, the user presses [Enter], and is prompted for an out number prefix, as shown in Figure 3.20. Here, the user presses [Enter] because an out number is not required with the POST-DAM host computer, and is then prompted for a LD number, as shown in Figure 3.21. The user presses 1 and then [Enter], and the information screen for setting changes appears, as shown in Figure 3.22. The user then presses [Enter], and the Crosstalk Dialing Directory appears, as shown in Figure 3.23.

3.1.4 Setting Up ANSWER

From the Dialing Directory, as shown in Figure 3.23, the user uses the arrow keys to highlight ANSWER, as shown in Figure 3.24. The user then presses [Enter], and the ANSWER Setup Menu appears, as shown in Figure 3.25, prompting the user for the port and speed. The Port is already set to 2, and the speed to 2400, so the user then presses [Enter] twice to continue. The user is then prompted to enter a password, as shown in Figure 3.26, where ARA has been selected as the password for the POST-DAM system. The user types ARA, then [Enter], and the ANSWER Directory appears, as shown in Figure 3.27. The user then presses the [Esc] key, and the Dialing Directory appears, as shown in Figure 3.24. Here, the user presses the [Alt] and [S] keys simultaneously, and the Session Setup Form appears, as shown in Figure 3.28, with the cursor at Name. Using the arrow keys to move the cursor, the user edits the Session Setup Form so the data corresponds to that shown in Figure 3.29. Next, the user presses the [PgDn] key, and edits Page 2 of the Session Setup Form so the data corresponds to that shown in Figure 3.30. When Session Setup Form editing is complete, the user presses the [Ctrl] and [Enter] keys simultaneously, and the save setup prompt appears, as shown in Figure 3.31. The user then presses [Enter] to save the configuration, and automatically return to the Dialing Directory Form, shown in Figure 3.24. Here, the user presses the [Alt] and [Q] keys simultaneously, and is prompted to quit Crosstalk Mk.4, as shown in Figure 3.32. At this point, the user presses [Enter], and returns to the C:\XTALK4 subdirectory, and the installation is complete.

3.2 STARTING CROSSTALK MK.4

Crosstalk Mk.4 is executed from DESQview 386, as described in Section 3.4 of Document 2.2.3. After starting Crosstalk Mk.4, the title screen appears as shown in Figure 3.10; then the Dialing Directory appears automatically, as shown in Figure 3.33.

3.3 USING CROSSTALK MK.4

From the Dialing Directory shown in Figure 3.33, the user presses [Enter], and the ANSWER Directory appears, as shown in Figure 3.34. The user then uses DESQview 386 to run other programs, as described in Section 3.4 of Document 2.2.3, while Crosstalk Mk.4 runs in the background.

When the remote computer running the POST-DAM expert system (PDES) calls in to send files, Crosstalk Mk.4 prompts the caller for user identification and the password. If these are given correctly, the expert system files are automatically transferred from the remote computer into the C:\PDAM directory of the host computer, with no user interaction.

CONFIG - Crosstalk Mk.4 configuration

Configuration is complete, so the next thing you will see is the Crosstalk Mk.4 dialing directory, including the entries you have just set up.

From the dialing directory you may press **Alt-H** to see the scripts menu, and choose the CONFIG script if you wish to change any of the settings you have just chosen.

You may also use the CONFIG script if you wish to use one of the alternate user interfaces, such as the Crosstalk Mk.4 version 1 MENU system, or the Crosstalk XVI look-alike screens.

Press **Enter** to continue, **Esc** to quit

Figure 3.22. Change Settings Information.

Dialing Directory		Session #1 offline		Alt-H for help
Name	Description	Calls	Last called	
ANSWER	Answer a call (unconfigured)	0	never	
DIRECT	Direct connection (unconfigured)	0	never	
EASYCALL	Use this to make a call	0	never	
NORMAL	Crosstalk Mk.4 Normal Setup			

Enter call EASYCALL	Ins create new entry	Alt-S setup EASYCALL	Del delete EASYCALL
Alt-M utility scripts	Alt-E edit text file	Alt-Y your preferences	Alt-Q quit to DOS
Esc to exit			

Figure 3.23. Dialing Directory.

Dialing Directory		Session 81 offline		Alt-H for help
Name	Description	Calls	Last called	
ANSWER	Answer a call (unconfigured)	0	never	
DIRECT	Direct connection (unconfigured)	0	never	
EASYCALL	Use this to make a call	0	never	
NORMAL	Crosstalk Mk.4 Normal Setup			

Enter [call ANSWER] Ins [create new entry] Alt-S [setup ANSWER] Del [delete ANSWER]
 Alt-M [utility scripts] Alt-E [edit text file] Alt-Y [your preferences] Alt-Q [quit to DOS]
 Esc to exit

Figure 3.24. Dialing Directory with ANSWER Highlighted.

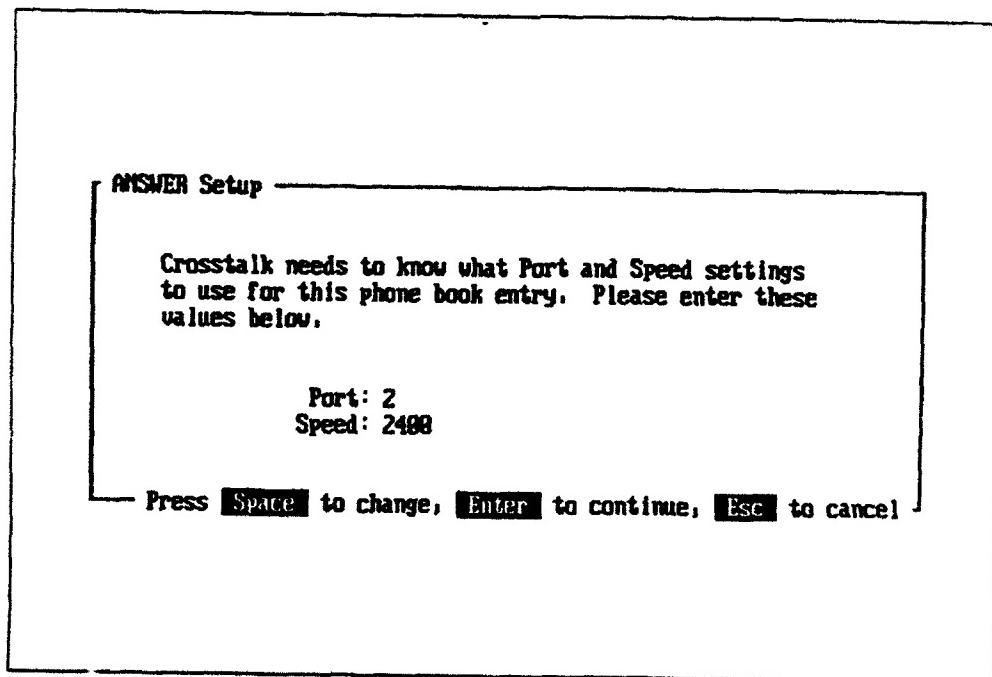


Figure 3.25. Port and Speed Setup for ANSWER.

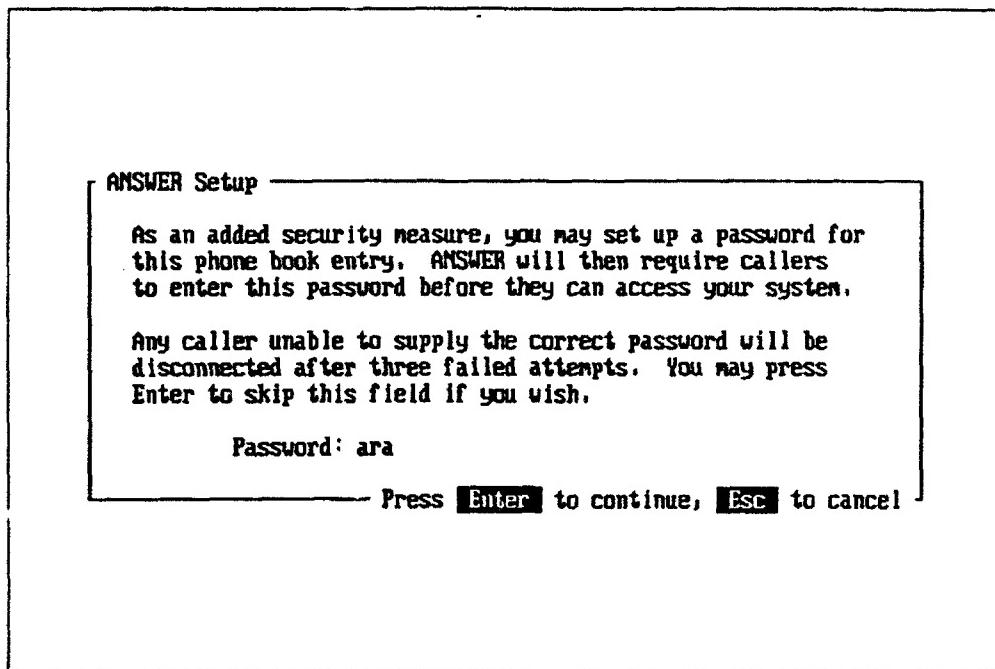


Figure 3.26. Password Setup for ANSWER.

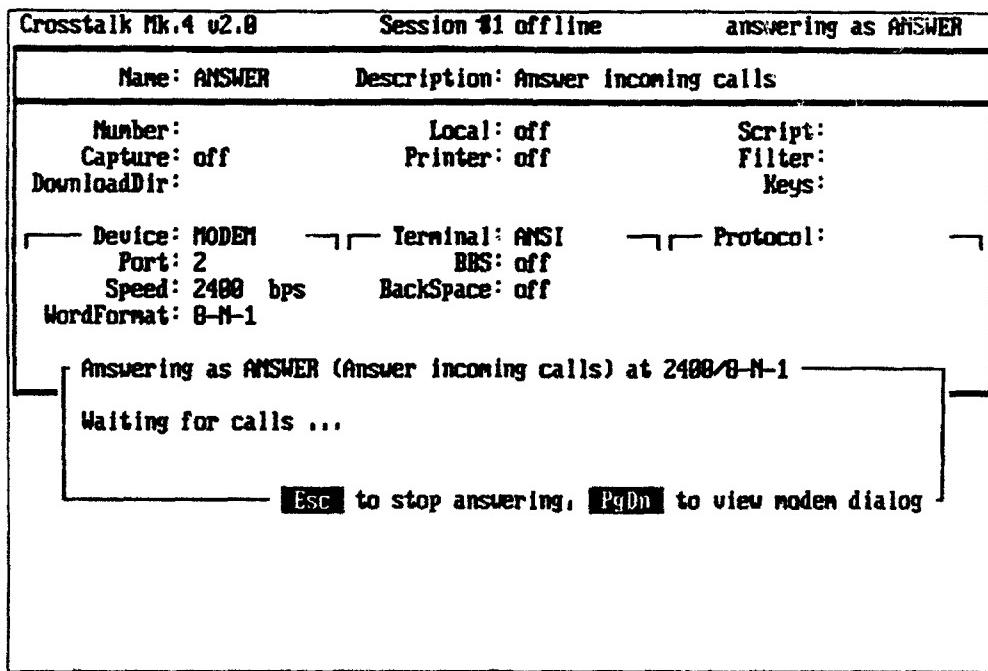


Figure 3.27. ANSWER Directory.

Session Setup		Session #1 offline		Alt-H for help
Name: ANSWER	Description: Answer incoming calls			
Number:	Local: off	Script:		
Capture: off	Printer: off	Filter:		
DownloadDir:				Keys:
Device: MODEM		Terminal: ANSI	Protocol:	
Port: 2		BBS: off		
Speed: 2400 bps		BackSpace: off		
WordFormat: 8-N-1				
name by which you refer to this Dialing Directory entry				
Alt-C Capture Setup	Alt-U Upload Setup	Alt-K Key Setup	PgDn	Next page
You are setting up a Dialing Directory entry. The information on this screen is normally all that Crosstalk needs to know to place a call.				
Ctrl-Enter to accept, Esc to cancel				

Figure 3.28. Session Setup Form for ANSWER Page 1.

Session Setup		Session #1 offline		Alt-H for help
Name: ANSWER	Description: Answer incoming calls			
Number:	Local: off	Script:		
Capture: off	Printer: off	Filter:		
DownloadDir: C:\PDATA				Keys:
Device: MODEM		Terminal: TTY	Protocol: ZMODEM	
Port: 2				
Speed: 2400 bps				
WordFormat: 8-N-1				
name by which you refer to this Dialing Directory entry				
Alt-C Capture Setup	Alt-U Upload Setup	Alt-K Key Setup	PgDn	Next page
You are setting up a Dialing Directory entry. The information on this screen is normally all that Crosstalk needs to know to place a call.				
Ctrl-Enter to accept, Esc to cancel				

Figure 3.29. Modified Session Setup Form for ANSWER Page 1.

Session Setup pg. 2		Session #1 offline	Alt-H for help
Name: ANSWER	Description: Answer incoming calls		
UserID: PDHOST Mode: answer Keyboard: user Log: off	Password: ara Echo: on Keypress: off Accept: all	NetID: Graphics: off Review: 8000 chars LPT: 1	
Answerback:	EnterString:		
RedialCount: 10	RedialWait: 15	DialModifier:	Patience: 30
your user ID for this host computer may be used by scripts or modules to automate login			
<input type="button" value="Alt-C Capture Setup"/> <input type="button" value="Alt-U Upload Setup"/>		<input type="button" value="Alt-K Key Setup"/>	<input type="button" value="PgUp"/> <input type="button" value="Prev page"/>
This second session setup screen contains settings which are used by scripts and settings which reflect your preferences for this particular host setup.			
<input type="button" value="Ctrl-Enter to accept, Esc to cancel"/>			

Figure 3.30. Modified Session Setup Form for ANSWER Page 2.

Session Setup pg. 2		Session #1 offline	Alt-H for help
Name: ANSWER	Description: Answer incoming calls		
UserID: PDHOST Mode: answer Keyboard: user	Password: ara Echo: on Keypress: off	NetID: Graphics: off Review: 8000 chars	
Ans	Replace current setup for ANSWER? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no		
Redia	<input type="button" value="Esc to avoid save"/>		
DialModifier:			
your user ID for this host computer may be used by scripts or modules to automate login			
<input type="button" value="Alt-C Capture Setup"/> <input type="button" value="Alt-U Upload Setup"/>		<input type="button" value="Alt-K Key Setup"/>	<input type="button" value="PgUp"/> <input type="button" value="Prev page"/>
This second session setup screen contains settings which are used by scripts and settings which reflect your preferences for this particular host setup.			
<input type="button" value="Ctrl-Enter to accept, Esc to cancel"/>			

Figure 3.31. Replace Setup for Answer Prompt.

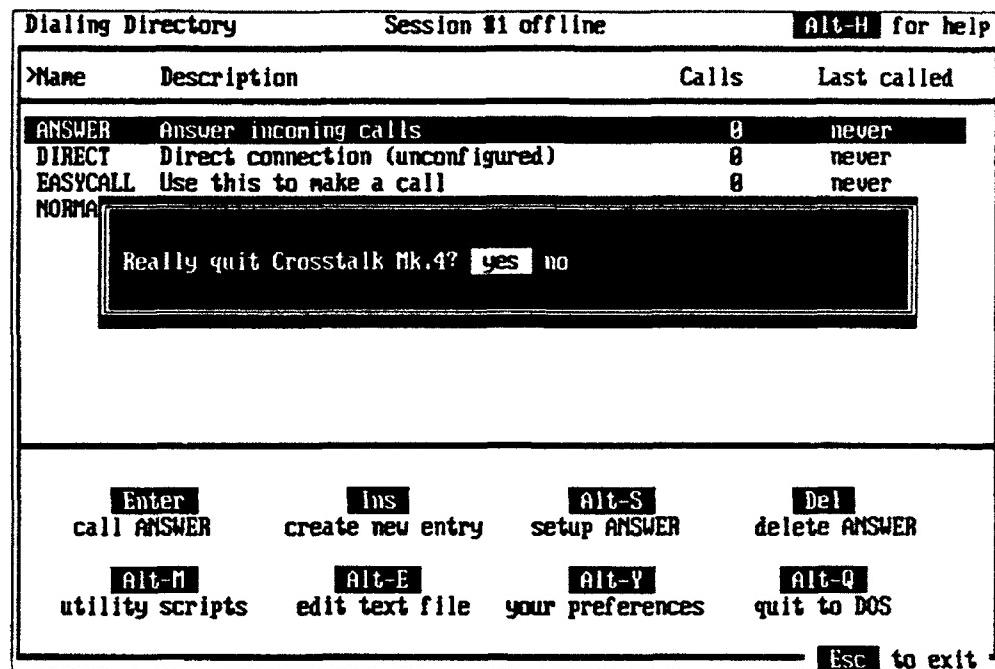


Figure 3.32. Quit Crosstalk Mk.4 Prompt.

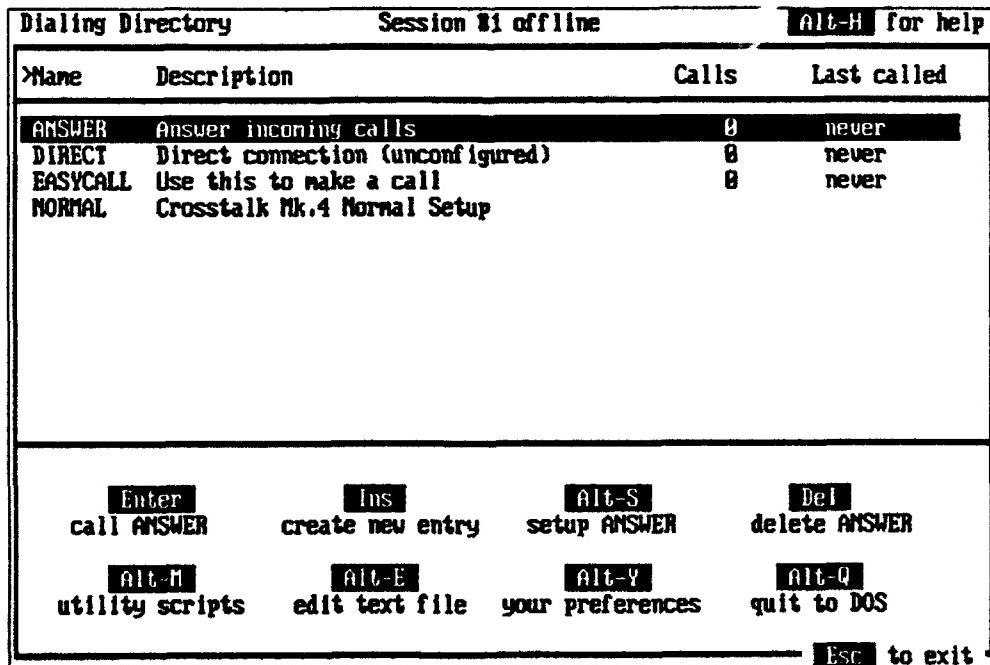


Figure 3.33. Dialing Directory with ANSWER Configured.

To exit Crosstalk Mk.4 from the ANSWER directory, the user begins by pressing the [Esc] key in the ANSWER directory, as shown in Figure 3.34, which returns the user to the Dialing Directory shown in Figure 3.33. Here, the user presses the [Alt] and [Q] keys simultaneously, to display the quit Crosstalk Mk.4 Menu, shown in Figure 3.32. The user then presses [Enter], and is returned to the DESQview 386 control program.

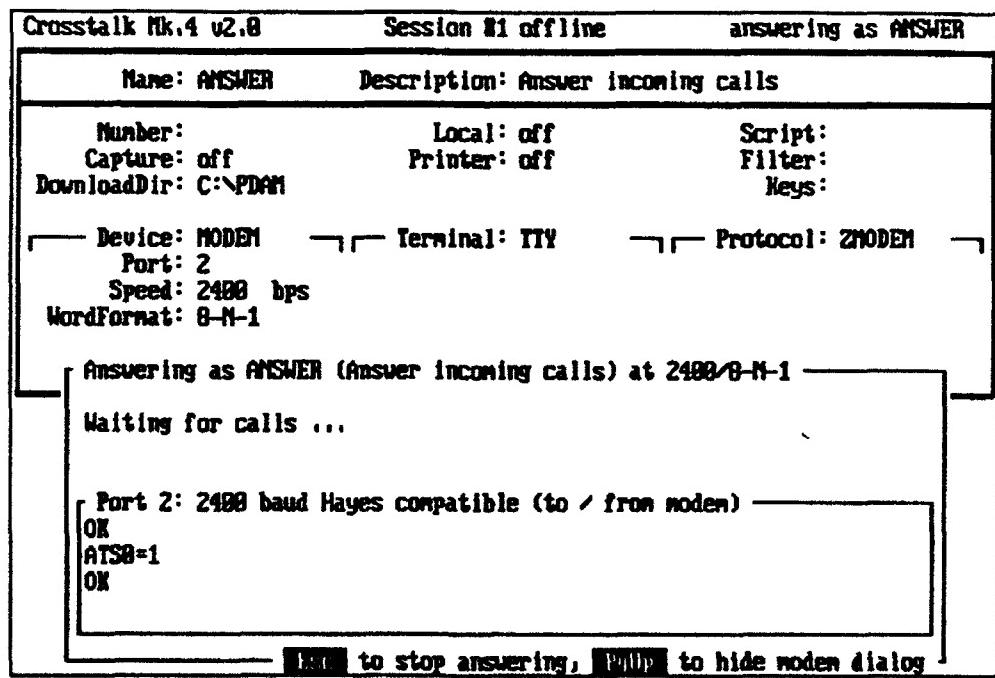


Figure 3.34. ANSWER Directory Waiting for Calls.